

CLAIMS

1. A continuous casting plant of a metallic strip comprising a casting plane, a casting station and a plurality of further stations substantially separated from said casting station and, in said casting station, a mobile ingot mould comprising two cylindrical, cooled, counter-rotating rolls and two plates each of which is set at the ends of said rolls, to close at the sides of said rolls the space between them, said rolls defining, between their respective facing surfaces, a space inside which molten metal is cast and solidifies upon contact with the surface of said rolls and is then extracted from below as a hot metal strip, and said continuous casting plant further comprising a plurality of further component elements, treatment stations for said additional component elements, and moving means for moving each of said additional component elements, wherein said treatment stations are all set on the casting plane, said further component elements being moved between their respective treatment stations and said casting station by rotating arms located on at least one turret, said turret being set on the casting plane.
2. The plant according to claim 1, wherein each of said two turrets is located close to one side of the casting station.
3. The plant according to claim 1, wherein two additional turrets are placed adjacent to the casting station, on a plane parallel to the one containing the cast strip.
4. The plant according to claim 2, wherein said further component elements, moved in casting position by rotating arms comprise a ladle, at least one tundish and/or at least one under-tundish or an unloading device, and/or at least one molten metal distributor within said space between said counter-rotating rolls.
5. The plant according to claim 2, wherein each of said turrets is provided with two arms, one arm suitable to move said tundish and the other arm suitable to move the under-tundish from their respective treatment stations, arranged close by to the turrets within the reach of said arms, and said casting station.
6. The plant according to claim 3, wherein the additional turrets are provided with robotic arms suitable to move said molten metal distributor nozzle and said

lateral plates from their respective treatment stations to said casting station.

7. The plant according to claim 1, wherein the casting rolls are set in a transversally movable trolley suitable to slide transversally to the casting direction between a treatment station and said casting station, said trolley
5 being provided with means to place and hold in position said rolls and to adjust the gap between them in order to control the thickness of the cast strip.

8. The plant according to claim 1, wherein the casting plane further comprises a tundish rotating turret suitable to put the ladle in casting position, said tundish rotating tower being preferably arranged in a central position with respect to the
10 turrets for moving the tundish and under-tundish.

9. The plant according to one or more of the previous claims, comprising means for collecting wastes of slag and metal and means for movement thereof.

10. The plant according to one or more of the previous claims, in which said unloader and lateral plates preheating stations are electric resistance stations.

11. The plant according to one or more of the previous claims, wherein said
15 unloader and lateral plates preheating stations are burner stations.

12. The plant according to one or more of the preceding claims, wherein said unloader and lateral plates preheating stations are microwave stations.